

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

1. (Currently Amended) A duplex strainer for straining a fluid comprising:
a unitary housing having an inlet port through which material enters the housing and an outlet port through which strained material leaves the housing;
a first strainer chamber defined by the housing for straining said fluid having first and second ports in separate fluid communication with the housing;
a first strainer positioned substantially within the first strainer chamber;
a second strainer chamber defined by a body detachable from the housing for straining said fluid having a third port opposing said first port and a fourth port which opposes said second port in separate fluid communication with said housing;
a second strainer positioned substantially within the second strainer chamber;
a first valve chamber defined by the housing between said first port and said third port, said first chamber in communication with said inlet port;
a second valve chamber defined by the housing between said second port and said fourth port, said second chamber in communication with said outlet port;
a first three-way ball valve supported by the housing and adapted for controlling the flow of fluid between said housing, first port and third port, said first three-way ball disposed in said first valve chamber;

a second three-way ball valve supported by the housing and adapted for controlling the flow of fluid between said second port and said fourth port; said second three-way ball disposed in said second valve chamber; and

a coupling for coupling said first three-way ball valve to said second three-way ball valve, said coupling causing said first three-way ball valve and said second three-way ball valve to move in unison, causing fluid to flow either entirely through said first strainer chamber, entirely through said second strainer chamber, or through both said first strainer chamber and said second strainer chamber simultaneously, wherein said housing further comprises a divider disposed between said first three-way ball valve and said second three-way ball valve to form said first valve chamber within said housing and said second valve chamber within said housing, said first and third ports communicating solely with said first valve chamber, and said second and fourth ports communicating solely with said second valve chamber, ~~wherein said first strainer chamber is defined by said housing and said second strainer chamber is detachably mounted to said housing, and wherein~~ said first and second ball valves are mounted so that second strainer chamber is detachable while the first and second ball valves remain mounted by the housing, ~~and wherein said first and second ball valves are movable to a position at which flow is directed through the first strainer chamber, and in said position flow is not directed to said second strainer chamber, so that when the valve is in said position said second strainer chamber may be detached from said housing without causing any loss of flow through the first strainer chamber.~~

4. (Currently Amended) A duplex strainer for straining a fluid comprising:

a unitary housing having an inlet port through which material enters the housing and an outlet port through which strained material leaves the housing;

a first strainer chamber defined by the housing for straining said fluid having first and second ports in separate fluid communication with the housing;

a first strainer positioned substantially within the first strainer chamber;

a second strainer chamber defined by a body detachable from the housing for straining said fluid having a third port opposing said first port and a fourth port which opposes said second port in separate fluid communication with said housing;

a second strainer positioned substantially within the second strainer chamber;

a first chamber defined by the housing between said first port and said third port, said first chamber in communication with said inlet port;

a second chamber defined by the housing between said second port and said fourth port, said second chamber in communication with said outlet port;

a valve control for controlling the flow of fluid within said housing and between said first port, second port, third port and fourth port, said valve control including a first three-way valve supported by the housing and adapted for controlling the flow of fluid between said housing, first port and third port wherein the first three-way valve is disposed in said first chamber, and a second three-way valve supported by the housing and adapted for controlling the flow of fluid between said second port and said fourth port, said second three-way ball disposed in said second chamber; and

a coupling for coupling said first three-way valve to said second three-way valve, said coupling causing said first three-way valve and said second three-way valve to move in unison,

causing fluid to flow either entirely through said first strainer chamber, entirely through said second strainer chamber, or through both said first strainer chamber and said second chamber simultaneously, said coupling including a first notch formed within said first three-way valve, and a second notch formed within said second three-way valve, and a shaft, said shaft including a first flange and a second flange, said first flange being received within said first notch and said second flange being received within said second notch, and ~~wherein said first strainer chamber is defined by said housing and said second chamber is detachably mounted to said housing, and wherein~~ said first and second ball valves are mounted so that the second strainer chamber is detachable while the first and second ball valves remain mounted to the housing, ~~and wherein said first and second ball valves are movable to a position at which flow is directed through the first strainer chamber, and in said position flow is not directed to said second strainer chamber, so that when the valve is in said position said second strainer chamber may be detached from said housing without causing any loss of flow through the first strainer chamber.~~

5. (Currently Amended) A duplex strainer for straining a fluid comprising:
 - a unitary housing having an inlet port through which material enters the housing and an outlet port through which strained material leaves the housing;
 - a first strainer chamber defined by the housing for straining said fluid having first and second ports in separate fluid communication with the housing, said first strainer chamber being formed unitarily with said housing;
 - a first strainer positioned substantially within the first strainer chamber;
 - a second strainer chamber defined by a body detachable from the housing for straining said fluid having a third port opposing said first port and a fourth port which opposes said second

port in separate fluid communication with said housing, said second strainer chamber being detachably mounted to said housing;

a second strainer positioned substantially within the second strainer chamber;

a valve control for controlling the flow of fluid within said housing and between said first port, second port, third port and fourth port, said valve control including a first three-way valve supported by the housing and adapted for controlling the flow of fluid between said housing, first port and third port, and a second three-way valve supported by the housing and adapted for controlling the flow of fluid between said second port and said fourth port;

a coupling for coupling said first three-way valve to said second three-way valve, said coupling causing said first three-way valve and said second three-way valve to move in unison, causing fluid to flow either entirely through said first strainer chamber, entirely through said second strainer chamber, or through both said first strainer chamber and said second chamber simultaneously; and

a divider disposed within said housing forming an upper chamber within said housing and lower chamber within said housing, said coupling means including a first notch formed within said first three-way valve and a second notch formed within said second three-way valve, and a shaft, said shaft including a first flange and a second flange, said first flange being received within said first notch and said second flange being received in said second notch, said shaft extending through said divider, and ~~wherein said first strainer chamber is defined by said housing and said second chamber is detachably mounted to said housing, and wherein~~ said first and second ball valves are mounted so that the second strainer chamber is detachable while the first and second ball valves remain mounted to the housing, ~~and wherein said first and second ball valves are movable to a position at which flow is directed through the first strainer chamber,~~

~~and in said position flow is not directed to said second strainer chamber, so that when the valve is in said position said second strainer chamber may be detached from said housing without causing any loss of flow through the first strainer chamber.~~

6. (Currently Amended) A duplex strainer for straining a fluid comprising:
 - a unitary housing having an inlet port through which material enters the housing and an outlet port through which strained material leaves the housing;
 - a first strainer chamber defined by the housing for straining said fluid having first and second ports in separate fluid communication with the housing, said first strainer chamber being formed unitarily with said housing;
 - a first strainer positioned substantially within the first strainer chamber;
 - a second strainer chamber defined by a body detachable from the housing for straining said fluid having a third port opposing said first port and a fourth port which opposes said second port in separate fluid communication with said housing, said second strainer chamber being detachably mounted to said housing;
 - a second strainer positioned substantially within the second strainer chamber;
 - a valve control for controlling the flow of fluid within said housing and between said first port, second port, third port and fourth port, said valve control including a first three-way ball valve supported by the housing and adapted for controlling the flow of fluid between said housing, first port and third port, and a second three-way ball valve supported by the housing and adapted for controlling the flow of fluid between said second port and said fourth port;
 - a divider disposed within said housing between said first three-way ball valve and said second three-way ball valve forming an upper chamber within said housing and a lower chamber

within said housing, said first and third ports communicating solely with said upper chamber and said second and fourth ports communicating only with said lower chamber; and

a coupling for coupling said first three-way ball valve to said second three-way ball valve, said coupling causing said first three-way ball valve and said second three-way ball valve to move in unison, causing fluid to flow either entirely through said first strainer chamber, entirely through said second strainer chamber, or through both said first strainer chamber and said second strainer chamber, and ~~wherein said first strainer chamber is defined by said housing and said second chamber is detachably mounted to said housing, and wherein~~ said first and second ball valves are mounted so that the second strainer chamber is detachable while the first and second ball valves remain mounted to the housing, ~~and wherein said first and second ball valves are movable to a position at which flow is directed through the first strainer chamber, and in said position flow is not directed to said second strainer chamber, so that when the valve is in said position said second strainer chamber may be detached from said housing without causing any loss of flow through the first strainer chamber.~~

7. (Canceled)